

AWS Option for CUDA

Hello everyone, I was able to run the device code on the AWS image. If anyone is interested please see general notes below:

1) Download <https://aws.amazon.com/marketplace/pp/B01LZMLK1K>

2) Connect from your machine (key path and IP vary)

```
ssh -i myKey.pem.txt ec2-user@1.2.3.4
```

3) Once logged in, update yum and fix GCC and G++ versions (as root)

```
yum update -y
```

```
cd /usr/bin/
```

```
rm gcc
```

```
rm g++
```

```
ln -s gcc48 gcc
```

```
ln -s g++48 g++
```

3) Copy file to image (key path, name and IP vary)

```
scp -i ~/Desktop/AWS/myKey.pem.txt -r add.cu ec2-user@1.2.3.4:/home/ec2-user
```

4) Set environment variable to run tools (as user not root)

```
export PATH=${PATH}:/usr/local/cuda-7.5/bin
```

5) Compile and run file

```
nvcc add.cu -o add_cuda
```

```
./add_cuda
```